

**REMARKS**

Claim 1-11 remain in the application.

Claims 7-11 were indicated as allowable subject to being written in independent form and removal of section 112 objections. Claims 7 and 8 have been rewritten in independent form.

The objection to reciting a laundry list of parts has been overcome by interconnecting the various components of the refrigeration circuit. The heat pump expansion device exchanges heat by expanding the volume and/or reducing the pressure as set forth in Boyles Law. It is therefore appropriate to state that the expansion device exchanges heat. However, in order to overcome the rejection, the heat expansion device has been clarified as "expanding" the refrigerant.

In allowing claim 7, the examiner has indicated that dependent claim 7 sets forth a margin of patentable novelty and new independent claim 7 includes that margin of patentable novelty. Original dependent claim 7 was dependent through claims 5, 2 and 1; however, the limitation of an A/C expansion device (28) of claim 2 is not necessary to the patentable recitation in claim 7 of the three-way valve (44) in the exit line from the cabin heat exchanger (36). Therefore, claim 7 is allowable as setting forth the allowable subject matter and all antecedent recitations to support that margin of patentable novelty.

Claim 8 has been re-written in independent form and remains allowable.

Claim 1 is the remaining independent claim and has been amended to clearly distinguish over the prior art or any combination thereof. The examiner relies upon Ea in Okawara '308 as the chiller-condenser and Eb as the chiller-evaporator. However, Ea and Eb are in series through valve 5b. In contradistinction, claim 1 recites a by-pass valve

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(26) in parallel to the serial flow from the chiller-condenser to the chiller-evaporator. The secondary references do not make for this deficiency in Okawara '308.

Accordingly, it is respectfully submitted that the Application, as amended, is now presented in condition for allowance, which allowance is respectfully solicited. Applicant believes that no fees are due; however, if any become required, the Commissioner is hereby authorized to charge any additional fees or credit any overpayments to Deposit Account 08-2789. Further and favorable reconsideration of the outstanding Office Action is hereby requested.

Respectfully submitted

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**January 27, 2005**

Date

**CERTIFICATE OF MAILING**

I hereby certify that this **Amendment** for U.S. Serial No.: 10/754,037 filed January 8, 2004 is being deposited with the United States Postal Service as First Class Mail, postage prepaid, in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on **January 27, 2005**.



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